

## DAILY FIELD ACTIVITY REPORT

**PROJECT NAME:** Pre-Remedial Design Investigation and Baseline Sampling, Portland Harbor Superfund Site

<b>DATE:</b> June 15, 2018	<b>WEATHER:</b> Partly Cloudy, High ~70 degrees F
<b>Personnel and Visitors Onsite:</b> CDM Smith: Libby Miner; David Evans and Associates (DEA): Jason Dorfman, Dan Prince	
<b>Planned Activity:</b> <ul style="list-style-type: none"><li>Complete the collection single beam bathymetric survey measurements using personal water craft (PWC) to access areas that were inaccessible for larger survey vessels during the March 2018 bathymetric survey.</li></ul>	
<b>Activity Completed:</b> <p>Libby Miner performed oversight of DEA's work with PWCs and verified that the approach used by DEA was consistent with approved planning documents and the responses to EPAs questions that were sent on 6/13/18. Oversight was performed in the morning, prior to the DEA mobilizing the PWCs to the survey areas, and at the end of the day, after DEA has returned to the Swan Island boat ramp. Specific activities conducted by DEA with CDM Smith oversight are as follows:</p> <ul style="list-style-type: none"><li>A tailgate health and safety meeting was conducted. Topics discussed included checking trailer lights and tow equipment before traveling, fueling PWCs, safety equipment on the PWCs (first aid kit and fire extinguisher), emergency communication devices (flares, horns, and radios), personal protection equipment (dry suits and nitrile gloves), emergency procedures, water traffic, maximum duration of on-water work, and communication between PWC operators that will be working adjacent to one another during the survey.</li><li>Completed horizontal and vertical position checks for the GPS units mounted on the back of the PWCs at the PH-1 control point at the Swan Island boat ramp parking area. Checks were done in the morning and at the end of the day. Initial field readings (i.e., before post-processing corrections) indicated the GPS units were accurate within +/- 0.1 feet.</li><li>DEA performed quality checks at the end of the day on the sonar system by measuring and comparing the depth of the water column with measurements made using a leveling rod and river bottom elevations acquired using an RTK GPS unit.</li></ul>	
<b>Status of Schedule &amp; Priority Work:</b> <ul style="list-style-type: none"><li>Planned survey work was completed- no further bathymetric surveys are planned unless determined otherwise.</li></ul>	
<b>Issues/Concerns/Resolutions (include work performed that was not planned or anticipated):</b> None.	
<b>Samples Collected, Measurements Made, Photographs: (List Locations, Matrix &amp; Sample type):</b> <p>Single beam bathymetric survey measurements were collected at fill areas (i.e., data gaps) that were not accessed by the larger survey vessels due to accessibility during the March 2018 bathymetric survey. Some data was collected that was planned but inaccessible on 6/14- such as Fill Area 8, which had a ship blocking access on 6/14 (the ship moved later in the day on 6/15). The majority of surveying for 6/15 took place around RM 2 and 3 at Fill Areas 1, 2, 3, and 4.</p>	
<b>Borings Completed (Include total footage drilled for each boring):</b> None	
<b>Wastes Generated and How Handled:</b> None	
<b>Health and Safety Issues, Equipment Needs, Staffing:</b> None.	
<b>Signature:</b> Libby Miner	<b>DATE</b> June 15, 2018